(iii) OSRCs with tier three facilities to combat oil spill of more than 1000 tonnes to be established at Chennai, Vadinar and Mumbai.

ONGC is carrying out techno-economic feasibility studies for their plans to set up OSRCs at Mumbai and Kakinada centres.

Exploration of crude oil by ONGC

230. SHRI RAHASBIHARI BARIK: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether the Oil and Natural Gas Corporation Ltd. (ONGC) has started exploration of crude oil in the country in 1997 and 1998;

(b) if so, the places where exploration work started and the expenditure icurred by ONGC thereon; and

(c) the result of the exploration?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI SANTOSH KUMAR GANGWAR): (a) and (b) The places where exploration for hydrocarbons was carried out in 1997 and 1998 are given in the Statement (*see* below). The amount of expenditure incurred by ONGC on survey and exploratory drilling for the years 1996-97 and 1997-98 is indicated below:—

(Rs. in crores)

	1996-97	1997-98 (Prov.)
Survey	219.62	303.57
Exploratory Drilling	1173.15	912.99
TOTAL	1392.77	1216.56

(c) Of the new prospects drilled in 1997, Periyapattinam, Neyveli, Ramanavalsai of Cauvery Basin and B23A in Western offshore proved to be gas bearing. In Bihar CBM gas has been established from the Well Jharia-1. In the year 1998 so far, Kali prospect in Cauvery Basin has given indicated of oil and gas.

Statement

New Areas where Exploration for Hydrocarbons was Started in 1997 and 1998

Basin	Area 1997	1998
Seismic Survey Onshore		
Himalayan Foot Hills	Punch-Rajauri-Kalakot Najot-Ramnagar	Punch-Rajauri
	Sarkaghat-Lambagraon, Dharamsala	Sarkaghat-Lambagraon
Vindhyan	Kumhari-Hatta-Katni, Panna-Satna-Rewa	Kumhari-Hatta-Kathi
Satpura	Gowadi-Kankri-Tamiya	—
Cambay	East of Bersad-Anklav, dhanduka-Viramgam, SE of Padra, East of Nadiad and SW of Kosamba	SW of Kosamba
Jaisalmer	East of Miajlar	—

Basin	Area 1997	1998
Assam Arakan Fold Belt *Exploratory Drilling*	Sahabazpur	—
Satpura	Anhoni	—
Cambay	Telavi Balasar Anklav	Charada Karjan
Krishna-Godavari	Manginapudi, Ambajipeta Kandikuppa, Viravasaram, Makanapalem	Donapadu, Gokarnapuram, Kesavadasapalem
Cauvery	Periyapattinam, Neyveli, Siruvattur, Ramanavalasai	Kariyapatnam, Kirangudi, Koluvor, Kali, Kikkadu
Bombay Offshore	RN-1 ED5A, D-5, MDS, B23A, EDC	B201, B34, EDA
Assam Arakan Fold Belt	—	Rajnagar
Upper Assam *Coal Bed Methane Exploration*	—	Panidihing
Gondwana	Jharia-1 (Parbatpur)	—

Per Capita availability of Kerosene in Gujarat

231. SHRI AHMED PATEL: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the per capita availability of kerosene in Gujarat at present and its comparison with the national average; and

(b) The steps Government have taken to increase the allocation of kerosene to Gujarat so as to increase the per capita availability in the State?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI SANTOSH KUMAR GANGWAR): (a) The projected per capita availability of kerosene in Gujarat during the current year
(1998-99) is 20.13 KG per annum against the estimated national average of 12.4 KG per annum.

(b) The per capita availability of kerosene in the State of Gujarat is much higher than the national average. The allocation of kerosene to the State has been increased by 9261 MTs during 1998-99, making per capita availability of kerosene for the State at 20.13 Kgs per annum.

Demand of Natural Gas by 2000 A.D.

232. SHRI BHAGABAN MAJHI: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether Government have made any estimate on the demand of Natural Gas in the country by 2000 A.D.;

(b) if so, the details thereof; and

(c) in what manner Government propose to meet the demand of natural gas in the coming years?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI SANTOSH KUMAR GANGWAR): (a) and (b) Yes Sir. The approximate demand for natural gas in the country by 2000 A.D. has been estimated at 146 Million Metric Standard Cubic Metre Per Day (MMSCMD) by the Expert Group appointed by the Ministry of Petroleum & Natural Gas in 1993.